

HAC_E_Dipole_835

DUT: HAC-Dipole 835 MHz

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27

- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD835 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x361x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 95.49 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 101.3 V/m

Average value of Total=(101.3+97.24)/2=99.27 V/m

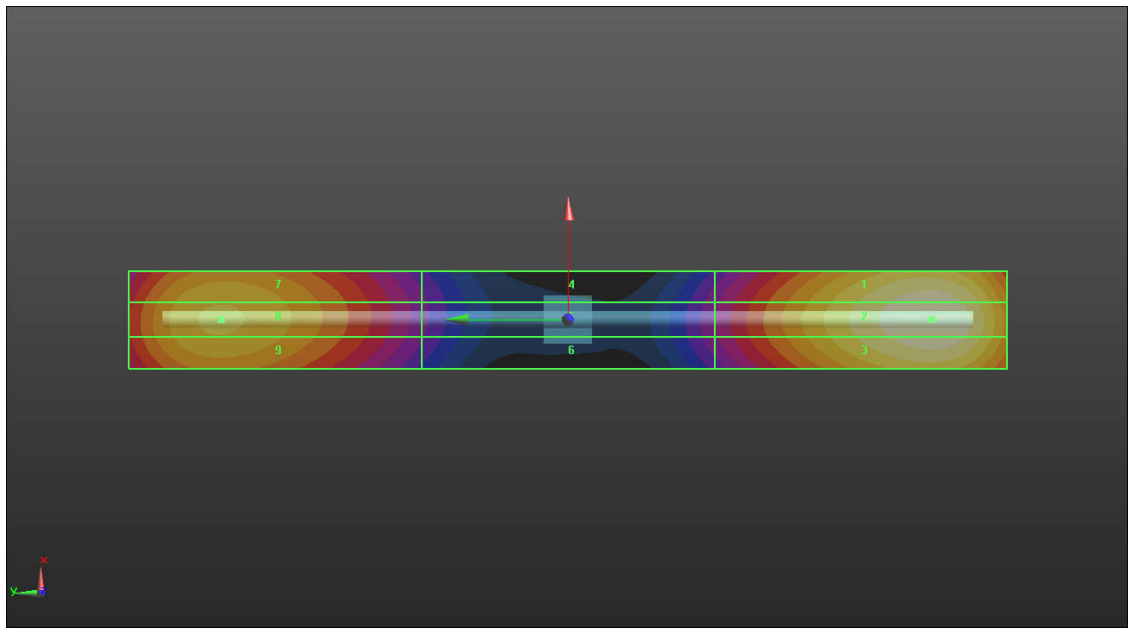
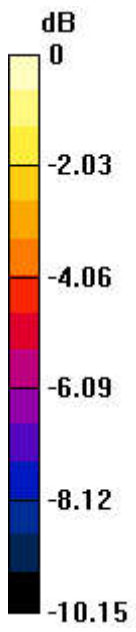
PMF scaled E-field

Grid 1 M4 100.5 V/m	Grid 2 M4 101.3 V/m	Grid 3 M4 100.1 V/m
Grid 4 M4 52.25 V/m	Grid 5 M4 53.17 V/m	Grid 6 M4 51.13 V/m
Grid 7 M4 93.48 V/m	Grid 8 M4 97.24 V/m	Grid 9 M4 90.78 V/m

Total = 101.3 V/m

E Category: M4

Location: 0, -74.5, 9.7 mm



0 dB = 101.3 V/m = 34.28 dBV/m

HAC_E_Dipole_1880

DUT: HAC Dipole 1880 MHz

Communication System: UID 0, CW; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27

- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD1880 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid:

$dx=0.5000 \text{ mm}$, $dy=0.5000 \text{ mm}$

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 124.8 V/m; Power Drift = 0.03 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 92.33 V/m

Average value of Total= $(92.33+91.13)/2=91.73 \text{ V/m}$

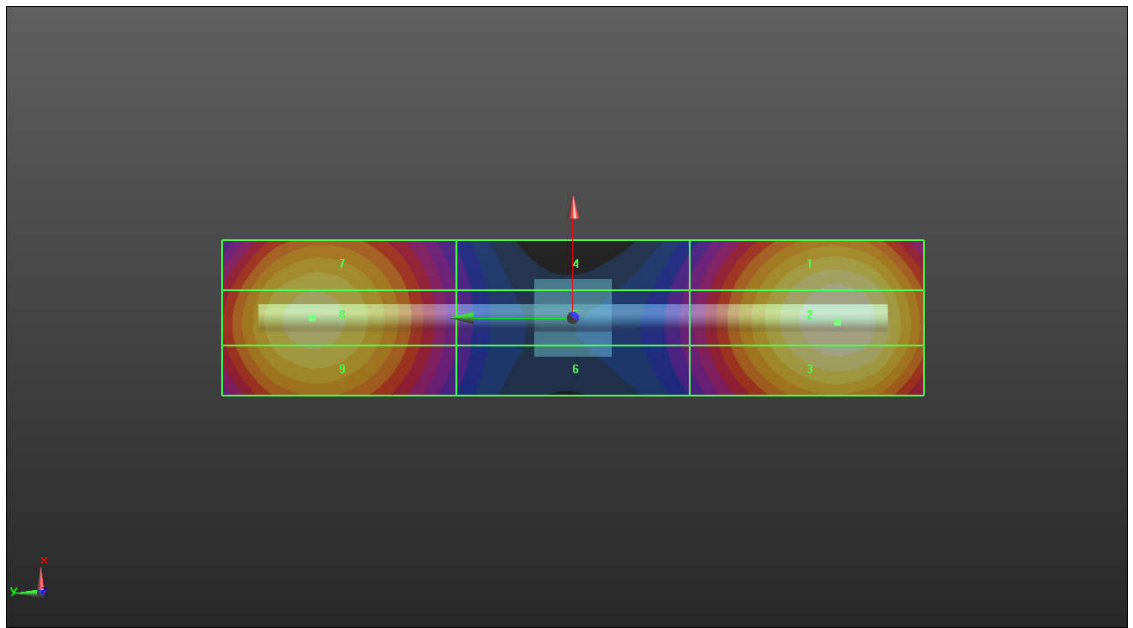
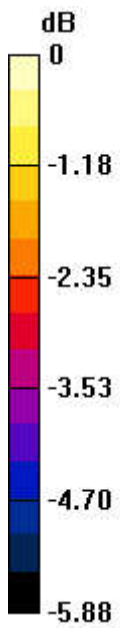
PMF scaled E-field

Grid 1 M3 90.07 V/m	Grid 2 M3 92.33 V/m	Grid 3 M3 90.18 V/m
Grid 4 M3 62.44 V/m	Grid 5 M3 65.71 V/m	Grid 6 M3 62.77 V/m
Grid 7 M3 88.49 V/m	Grid 8 M3 91.13 V/m	Grid 9 M3 89.56 V/m

Total = 92.33 V/m

E Category: M3

Location: -0.5, -34, 8.7 mm



0 dB = 92.33 V/m = 35.91 dBV/m

HAC_E_Dipole_2450

DUT: HAC Dipole 2450 MHz

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD2450 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 80.18 V/m; Power Drift = 0.02 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 96.43 V/m

Average value of Total=(96.43+91.61)/2=94.02 V/m

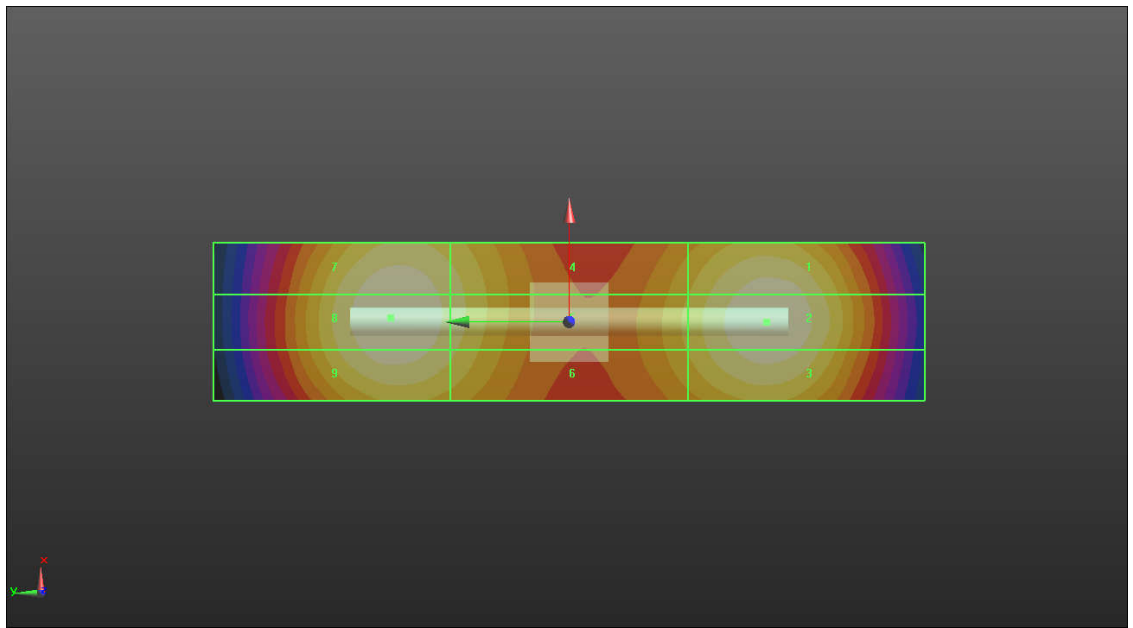
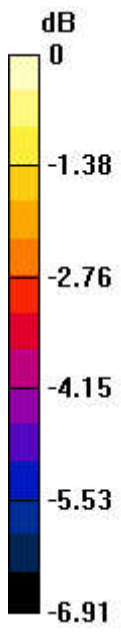
PMF scaled E-field

Grid 1 M3 91.06 V/m	Grid 2 M3 96.43 V/m	Grid 3 M3 90.52 V/m
Grid 4 M3 87.15 V/m	Grid 5 M3 88.41 V/m	Grid 6 M3 84.62 V/m
Grid 7 M3 89.63 V/m	Grid 8 M3 91.61 V/m	Grid 9 M3 88.49 V/m

Total = 96.43 V/m

E Category: M3

Location: 0.5, 22.5, 9.7 mm



0 dB = 96.43 V/m = 45.49 dBV/m

HAC_E_Dipole_2600

DUT: HAC Dipole 2600 MHz

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD2600 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 78.33 V/m; Power Drift = 0.01 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 95.43 V/m

Average value of Total=(95.43+92.49)/2=93.96 V/m

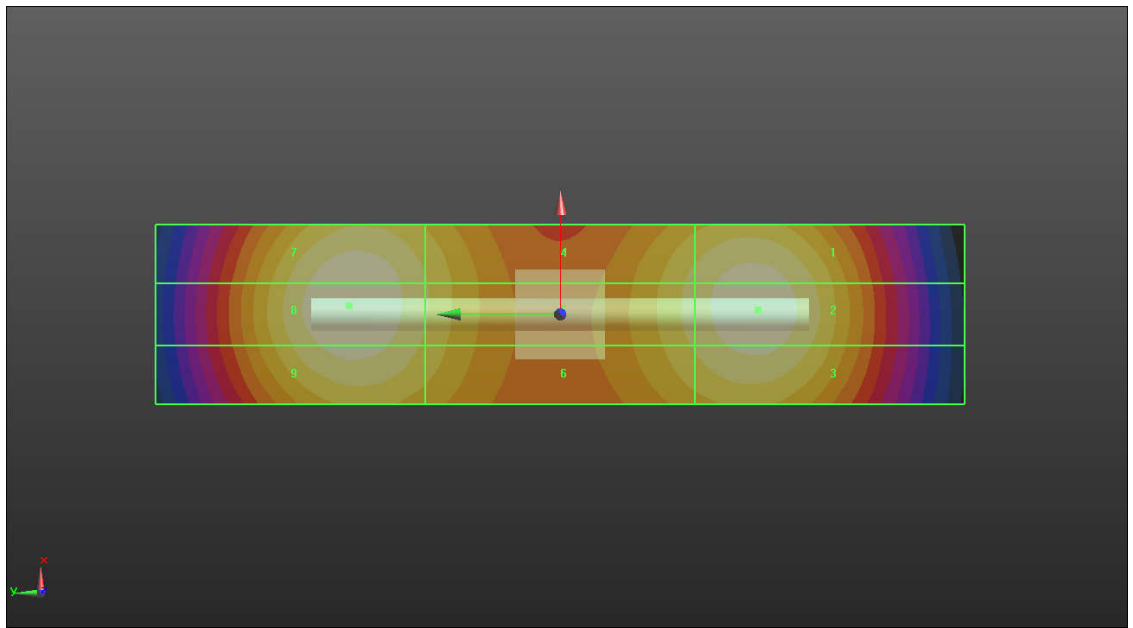
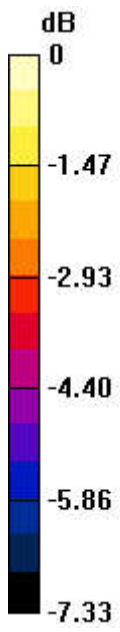
PMF scaled E-field

Grid 1 M3 92.33 V/m	Grid 2 M3 95.43 V/m	Grid 3 M3 93.18 V/m
Grid 4 M3 87.49 V/m	Grid 5 M3 88.66 V/m	Grid 6 M3 85.38 V/m
Grid 7 M3 90.72 V/m	Grid 8 M3 92.49 V/m	Grid 9 M3 91.61 V/m

Total = 95.43 V/m

E Category: M3

Location: 1, 23.5, 9.7 mm



0 dB = 95.43 V/m = 40.53 dBV/m

HAC_E_Dipole_3500

DUT: HAC Dipole 3500 MHz

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD3500 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x121x1): Interpolated grid:

dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 39.43 V/m; Power Drift = -0.07 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 95.66 V/m

Average value of Total=(95.66+88.62)/2=92.14 V/m

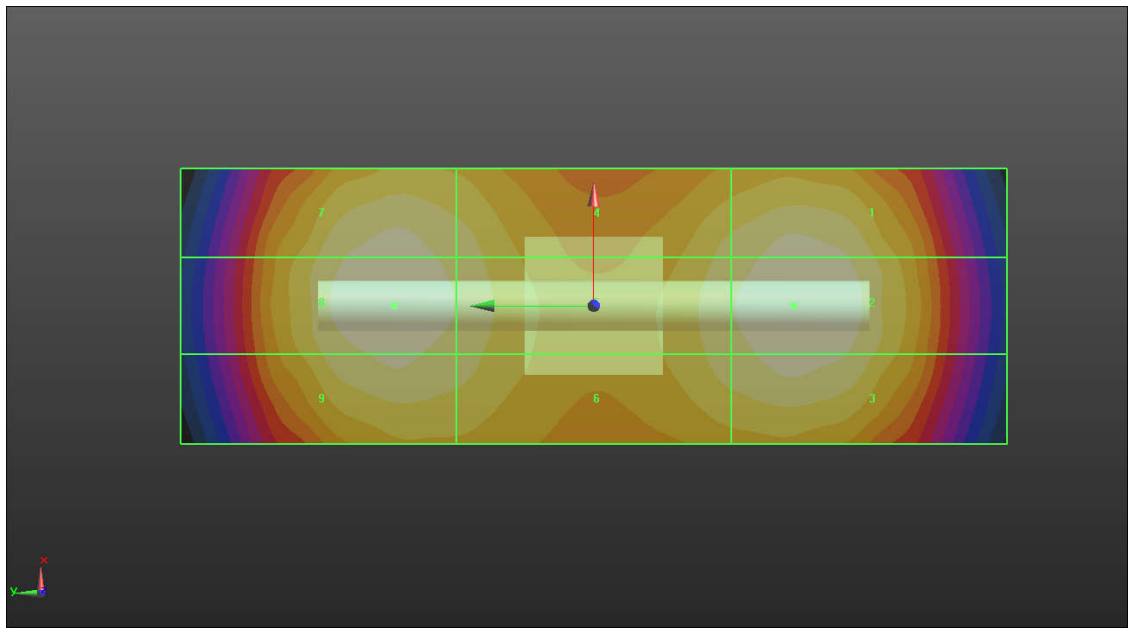
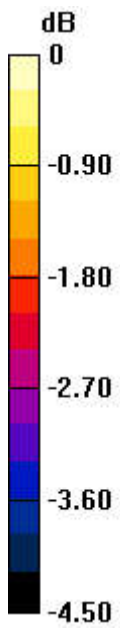
PMF scaled E-field

Grid 1 M3 90.43 V/m	Grid 2 M3 95.66 V/m	Grid 3 M3 91.28 V/m
Grid 4 M3 87.07 V/m	Grid 5 M3 89.29 V/m	Grid 6 M3 87.55 V/m
Grid 7 M3 87.62 V/m	Grid 8 M3 88.62 V/m	Grid 9 M3 86.82 V/m

Total = 95.66 V/m

E Category: M3

Location: 0, -14.5, 9.7 mm



0 dB = 95.66 V/m = 39.91 dBV/m

HAC_E_Dipole_5500

DUT: HAC Dipole 5500 MHz

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: EF3DV3 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

E Scan - measurement distance from the probe sensor center to CD5500 = 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 30.52 V/m; Power Drift = -0.12 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 103.8 V/m

Average value of Total=(101.7+100.5)/2=101.1 V/m

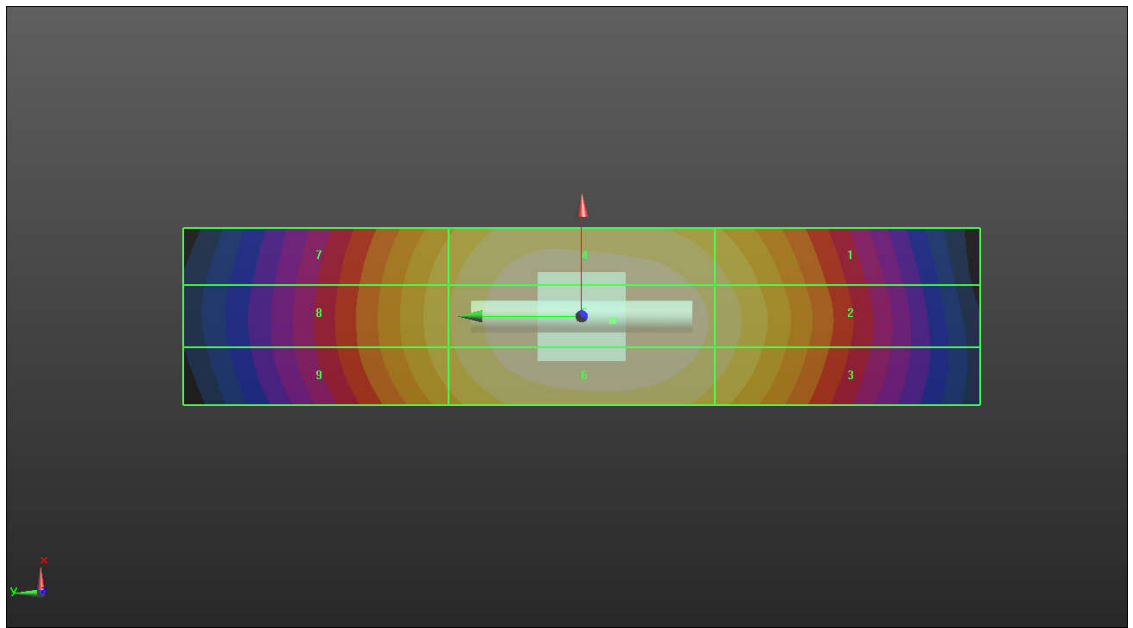
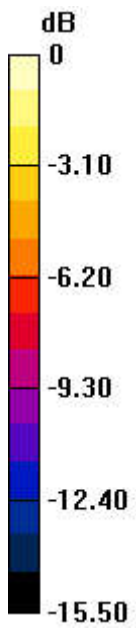
PMF scaled E-field

Grid 1 M3 92.44 V/m	Grid 2 M3 92.93 V/m	Grid 3 M3 91.17 V/m
Grid 4 M3 101.7 V/m	Grid 5 M3 103.8 V/m	Grid 6 M3 100.5 V/m
Grid 7 M3 85.17 V/m	Grid 8 M3 92.36 V/m	Grid 9 M3 85.93 V/m

Total = 103.8 V/m

E Category: M3

Location: -0.5, -3.5, 8.7 mm



0 dB = 103.8 V/m = 41.17 dBV/m